

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 20318
Application ID: 10065881
Title of Invention: OPTICAL VIA FOR THREE
DIMENSIONAL
INTERCONNECTION
First Named Inventor: Christopher Kapusta
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-11-27
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 126715-1
Digital Certificate Holder: cn=David Fox, ou=Registered Attorneys, ou=Patent and Trademark
Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: ZzkcCqTLPi9svdeZeNNkmQ==
Total Fees Authorized: \$1284.0
Payment Category: DA - Deposit Account
Deposit Account Number: 61130
Deposit Account Name: David A. Fox

TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent
FilingAttorney Docket
Number:126715-
1**OPTICAL VIA FOR THREE
DIMENSIONAL INTERCONNECTION**

First Named Inventor: Christopher Kapusta

SUBMITTED BY

| | |
|--------------------------------|-----------------------|
| Name: | David A. Fox |
| Registration Number: | 38,807 |
| Electronic Signature Mark: DAF | Date Signed: 20021127 |

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|------------------|--------------------|
| declaration | Declaration_p1.tif |
| declaration | Declaration_p2.tif |
| declaration | Declaration_p3.tif |
| bibd-transmittal | ePAVEapds.xml |

patent-assignments
fee-transmittal
specification

ePAVEasgn.xml
ePAVEfee.xml
application.xml

Attached Image File(s):

Declaration_p1.tif
Declaration_p2.tif
Declaration_p3.tif

Comments:

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if several names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTICAL VIA FOR THREE DIMENSIONAL INTERCONNECTION

- ☒ the specification of which is attached hereto OR
☐ was filed on _____ as Application Serial No. _____
☐ or PCT International Application Number _____ and was amended on _____
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

| COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED | CERTIFIED COPY ATTACHED | |
|---------|-----------------------|--------------------------------------|------------------|----------------------------|----|
| | | | | Yes | No |
| | | | | Yes | No |
| | | | | Yes | No |

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| U.S. PARENT APPLICATION OR PCT PARENT NUMBER | PARENT FILING DATE (day, month, year) | STATUS (patent and number, pending, abandoned) |
|---|--|--|
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5183877751 TO 818602860115

P.07/08

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Docket No.: 126715-1

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

| APPLICATION NUMBER(S) | FILING DATE (day, month, year) |
|-----------------------|--------------------------------|
| | |
| | |

As a named inventor, I hereby appoint Practitioners at Customer Number 23413; Christian G. Cabou (Reg. No. 35,467, Jill M. Breedlove (Reg. No. 32,684), Donald S. Ingraham (Reg. No. 33,714), Noreen C. Johnson (Reg. No. 38,929), Patrick K. Patnode (Reg. No. 40,121) all of General Electric Company, One Research Circle, Bldg. K-1, Niskayuna, NY 12309; Ronald E. Myrick (Reg. No. 26,315), Henry J. Polcinski, (Reg. No. 26, 621); Scott R. Hayden, (Reg. No. 41,821) and Catherine Winter, (Reg. No. 38,364) all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431-0001, jointly, and each of them severally, my/our attorney(s) or agents(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

I hereby direct that all correspondence and telephone calls in connection with this application be addressed to Customer No. 23413, Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002, Telephone No. (860) 286-2929.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, statements were made with the knowledge that willfully false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Christopher Kapusta

Inventor's signature: Christopher Kapusta Date: 26 Nov 2002

Residence: 136 Vernon Drive, Duaneburg, New York 12056

Citizenship: USA

Post Office Address: same as residence

Full name of second joint inventor: Min-Yi Shih

Inventor's signature: Min-Yi Shih Date: 11/26/02

Residence: 114 Stafford Lane, Niskayuna, NY 12309

Citizenship: Taiwan

Post Office Address: same as residence

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5183877751 TO 818602860115

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Docket No.: 126715-1

Full name of third joint inventor: Renato Guida

Inventor's signature: Renato Guida Date: 26 NOV 02Residence: 620 Church Street, Wyanankill, New York 12198Citizenship: USAPost Office Address: same as residence

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1284

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1130
 Deposit Account Name: Cantor Colburn LLP



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: David A. Fox
 Electronic Signature Mark: DAF
 Date Signed: 20021127

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 1001 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 34 | 1202 | \$ 18 | 14 | \$ 252 |
| Independent Claims: 6 | 1201 | \$ 84 | 3 | \$ 252 |

Subtotal For Extra Claims Fees: \$ 504

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 8021 | \$ 40 | \$ 40 |

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